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Technology Center 2600

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Etter

Serial No.: 09/956,954

Filed: September 21, 2001

For: NOISE COMPENSATION METHODS
AND SYSTEMS FOR INCREASING THE
CLARITY OF VOICE
COMMUNICATIONS

Group: 2643

Examiner: Jamal, Alexander

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date set forth below:

Signed: Marianna Tortorelli

Name: Marianna Tortorelli

Date: October 21, 2004

Durham, North Carolina
October 21, 2004

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER § 197(a)

Sir:

Pursuant to 37 C.F.R. 1.56, 1.97 and 1.98, applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following items listed on the accompanying Forms PTO/SB/08B.

ITEMS

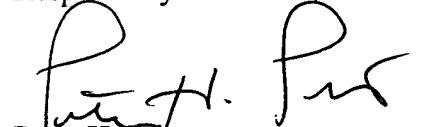
1. Thomas, I.B. and R.J. Niederjohn, "Enhancement of speech intelligibility at high noise levels by filtering and clipping", J. of the Aud. Eng. Soc. of Am., Vol. 16, 1968, pp. 412-415.

2. Niederjohn, R.J., and J.H. Grotelueschen, "The Enhancement of Speech Intelligibility in High Noise Levels by High-Pass Filtering Followed by Rapid Amplitude Compression,", IEEE Trans. on Acoustics, Speech and Signal Proc., Vol. ASSP-24, No. 4, Aug. 1976, pp. 277-282.
3. Kretsinger, E.A. and N.B. Young, "The use of fast limiting to improve the intelligibility of speech in noise,", Speech Monog., Vol. 27, 1960, pp. 63-69.
4. Stikvoort, E.F., "Digital dynamic range compressor for audio", J. Audio Eng. Soc., Vol. 34, No. 1/2, Jan/Feb. 1986, pp. 3-9.

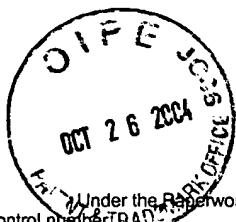
The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made nor shall it be construed as an admission that the information cited is considered to be material to patentability, nor shall it be construed that no other material information exists.

No fee is believed to be due. However, in the event of non-payment of a required fee, the Commissioner is authorized to charge Deposit Account No. 50-1058.

Respectfully submitted,



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PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		RECEIVED OCT 28 2004	
Sheet	1	of	1
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		117.0003	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231